

**X-RAY GENERATOR EQUIPPED WITH COLLIMATOR**

Patent Number: JP4264298  
Publication date: 1992-09-21  
Inventor(s): TAKAHASHI SADAYUKI  
Applicant(s): RIGAKU CORP  
Requested Patent: ☐ JP4264298  
Application Number: JP19910045836 19910218  
Priority Number(s):  
IPC Classification: G21K1/02; H01J35/14; H05G1/00  
EC Classification:  
Equivalents: JP3016439B2

---

**Abstract**

---

**PURPOSE:**To emit X-rays of high intensity from a collimator which is provided in an X-ray generator.  
**CONSTITUTION:**An X-ray incidence end 7a of a total-reflection collimator 7 is disposed inside of the outer peripheral surface of the tube wall of an X-ray tube 1. Since the X-ray incidence end 7a of the total-reflection collimator 7 is located nearer to an X-ray source (a target 2, a filament 3) provided inside the X-ray tube 1, more X-rays can be taken in the collimator 7. Accordingly, X-rays of high intensity can be emitted from an X-ray emission end 7b of the total-reflection collimator 7.

---

Data supplied from the esp@cenet database - I2